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| Form PTO-1449 (REV. 8-83) | <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> PATENT & TRADEMARK </div> US Dept. of Commerce PATENT & TRADEMARK OFFICE | ATTY DOCKET NO. 116487 | APPLICATION NO. 10/652,484 |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT(S) Toshiaki ASADA et al. | |
| | | FILING DATE September 2, 2003 | GROUP 3747 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--|-----------------|------|------|-------|--------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
| <i>JK</i> | | JP-A-11-125136 (w/Abstract & translation) | 5/11/1999 | Japan | ← | — |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
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| EXAMINER Donald Castro | DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">1-11-06</div> |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant. | |